

A B S T R A C T

A COMPOSITE TEXTILE MATERIAL FOR PROTECTING THE HUMAN
BODY AGAINST HEAT

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Composite textile material for protecting the human
body against heat, essential comprising an outer zone
providing a leakproofing function, an intermediate zone
in which a flow of air circulates, and an inner zone
10 allowing mass and heat to be transferred into the
intermediate zone, the material being characterized in
that it is constituted by a three-dimensional cloth (1,
3, 4) having one fabric (1) of hydrophobic cloth
constituting the outer zone, and having its other fabric
15 (4) in the form of a woven cloth or a knit of hydrophilic
fibers and constituting the inner zone, the two fabrics
(1, 4) being interconnected by link threads (5) enabling
the intermediate zone to exist.

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Translation of the title and the abstract as they were when originally filed by the
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